

## CLAIMS

1           1.       Link (17) between a central system (1) and a satellite system (30) for  
2       having operations of the central system executed by the satellite system, characterized in  
3       that it includes:

- 4           –       in the central system (1), a control card (9) that places said operations in  
5                   one or more data blocks;
- 6           –       in the satellite system (30), a coupler (21) that sends through the link (17)  
7                   to the control card (9) at least one read command to which the control card  
8                   (9) responds by sending said data block or blocks through the link (17) to  
9                   the coupler (21).

1           2.       Protocol between a central system (1) and a satellite system (30) for having  
2       an operation of the central system executed by the satellite system, characterized in that it  
3       includes:

- 4           –       a first step (33) in which the satellite system (30) sends a read command to  
5                   the central system (1) , identified by a first logical unit number (LUN00);
- 6           –       a second step (53) in which the central system (1) responds to said read  
7                   command by sending at least one data block containing said operation;
- 8           –       a third step (38) concomitant with the second step, in which the satellite  
9                   system (30) receives said data block in order to process the operation it  
10                  contains.

1           3.       Protocol according to claim 2, characterized in that it includes a fourth step  
2       (83) in which the satellite system (30) sends a write command to the central system (1)  
3       identified by a second logical unit number (LUN10) and at least one data block resulting  
4       from said operation.

- 1           4.       Protocol according to claim 2 or 3, characterized in that it includes:  
2                   –       a fifth step (35) in which the satellite system (30) sends a read command to  
3                   the central system (1), identified by a third logical unit number (LUN01);
- 4                   –       a sixth step (54) in which the central system (1) responds to said read  
5                   command by sending at least one data block containing said operation;

6           –       a seventh step (39) concomitant with the second step, in which the satellite  
7                    system (30) receives said data block in order to process the operation it  
8                    contains.

1           5.       Protocol according to claim 4, characterized in that it includes an eighth  
2   step (43) in which the satellite system (30) sends a write command to the central system  
3   (1) identified by a fourth logical unit number (LUN11) and at least one data block  
4   resulting from said operation.

1           6.       Protocol according to any of claims 2 through 5, characterized in that a  
2   block includes:  
3           –       a first field (19) for containing commands or data of said operation;  
4           –       a header containing a second field (11) for identifying a logical channel  
5                    corresponding to said operation and a third field (12) for indicating the  
6                    length of the first field (19).

1           7.       Satellite system (30) for processing an operation of a central system (1),  
2   characterized in that it includes:  
3           –       a first coupler (21) for sending a read command to the central system (1)  
4                    and receiving a response from the central system (1), at least one first  
5                    block constituted by a first field (19) for containing commands or data of  
6                    said operation as well as a header containing a second field (11) for  
7                    identifying a logical channel corresponding to said operation and a third  
8                    field (12) for indicating the length of the first field (19);  
9           –       a processor (26) and a memory (27) for processing the content of the field  
10                   (19) as a function of the header of the block;  
11           –       a second coupler (29) for sending a write command to the central system  
12                   (1) accompanied by at least one second block wherein the first field (19)  
13                   contains a result of said operation and wherein the header identifies the  
14                   logical channel corresponding to said operation.